In the claims:

Claims 1-42 cancelled.

43. (New) A method of producing outlet openings in a fuel injection valve having a fuel inlet, an excitable actuating device, a valve closing member movable by the excitable actuating device, a valve seat element having a fixed valve seat with which the valve closing member cooperates for opening and closing the valve, at least one outlet opening as a fuel outlet provided downstream of the valve seat, the method comprising the steps of producing a throughhole in a first method step; creating in a second method step from an ejection end of the throughhole an outlet region so that it is varied with a parameter selected from the group consisting of a shape, a size, a contour, and a combination thereof, compared to the throughhole; recessing the throughole by a process selected from the group consisting of a stamping, an erosion and a laser beam boring; and recessing the outlet region by a non-metal-cutting production process.

44. (New) A fuel injection valve as defined in claim 43, wherein said recessing the outlet region includes recessing the outlet region with a

highly focused, high-energy radiation of beams selected from the group consisting of electron beams and laser beams.

45. (New) A fuel injection valve as defined in claim 43, wherein said recessing the outlet region includes recessing the outlet region by a mold wire erosion.

46. (New) A method as defined in claim 43, wherein said producing the throughhole in the first method step includes producing the throughhole with a cross-section selected from the group consisting of a circular cross-section and an elliptical cross-section.

47. (New) A method as defined in claim 43, wherein said creating the outlet region of the outlet opening in the second method step includes creating the outlet region with in a multi-cornered shape.

48. (New) A method as defined in claim 43, wherein said recessing the outlet region of the outlet opening created in the second method step includes recessing the outlet region with a cross-section selected from the group consisting of a circular cross-section and an elipting cross-section.

49. (New) A method as defined in claim 43, wherein said recessing of the outlet region of the outlet opening produced in the second method step includes recessing the outlet region so that the outlet region is recessed with a shape selected from the group consisting of a convex shape and a concave shape.

50. (New) A method as defied in claim 43, wherein said recessing the outlet region of the outlet opening created in the second method step includes recessing the outlet region which is recessed in a flow direction with several portions which follow each other and which are different from one another by a parameter selected from the group consisting of shape, size contour, and a combination thereof.

51. (New) A method for producing outlet openings in a fuel injection valve having a fuel inlet, an excitable actuating device, a valve closing member movable by the excitable actuating device, a valve closing member cooperating with the valve seat for opening and closing the valve, at least one outlet opening as a fuel outlet provided downstream of the valve seat, the method comprising the steps of creating in a first method step a blind bore from an inlet side and opposite to an injection end; creating in a second method step from the injection end of the outlet opening an outlet

region up to the blind bore, far enough to create a continuous outlet opening; recessing the blind bore by a process selected from the group consisting of an erosion and a laser beam boring; recessing the outlet region by a non-metal-cutting production process.

52. (New) A fuel injection valve as defined in claim 51, wherein said recessing the outlet region includes recessing the outlet region by a highly focused, high-energy radiation, with beams selected from the group consisting of electron beams and laser beams.

53. A fuel injection valve as defined in claim 51, wherein said recessing the outlet region includes recessing the outlet region by a mold wire erosion.

54. (New) A method as defined in claim 51, wherein said recessing of the outlet region of the outlet opening created in the second method step includes recessing the outlet region with a multi-cornered shape.

55. (New) A method as defined in claim 51, wherein said recessing of the outlet region of the outlet opening created in the second

method step includes recessing the outlet region with a cross-section selected from the group consisting of a circular cross-section and an elipting cross-section.

56. (New) A method as defined in claim 51, wherein said recessing of the outlet region of the outlet opening crated in the second method step includes recessing the outlet region that the outlet region is recessed with a shape selected from the group consisting of a convex shape and a concave shape.

57. (New) A method as defined in claim 51, wherein said recessing the outlet region of the outlet opening created in the second method step includes providing in the outlet region several portions in a flow direction, which have a different parameter selected from the group consisting from a shape, a size, a contour, and a combination thereof.